



Operations Report

CDF Weekly Meeting

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Store Summary

Date	Store	Init L	Dur	Int L	Live L	ϵ
6/5	2646	27.6	22.6	945	839	88.8%
6/6	2658	29.4	5.2	396	371	93.6%
6/7	2662	25.2	16.2	746	590	78.3%
6/8	2665	31.1	14.6	882	734	83.2%
6/9	2667	28.4	12.5	712	643	90.3%
6/10	2671	29.3	14.5	888	840	94.5%
6/11	2673	32.9	15.5	941	714	75.9%
	Totals		101.1	5510	4731	85.9%



News and Notes

- **On Saturday, switched SVT pattern matching to 4/5 layers**
 - The change was made in run 164304
 - Preliminary results look good, so the change has been left in
 - Created new Trigger Table to note the change on Tuesday
 - PHYSICS_1_05[2,296,380] – 4/4 SVT
 - PHYSICS_1_05[3,298,381] – 4/5 SVT
- **Store 2646, b0clc01 Power Supply failed twice resetting the Luminosity**
- **Controlled Access – two for Silicon to recover lost wedges**
- **Attempted 2 SRC test at beginning of the last store and ran into a high rate of Done Timeouts from TDC crates**
 - Suspect this is related to sending CALIB_EN(0) signal for 2nd L1A



TeV Status

- Had 7 stores in last week but with under-whelming initial and delivered luminosity (5.5pb^{-1})
- Have had consistent problems with losing both protons and antiprotons at 150 GeV and during ramp
- Lifetimes at 980 GeV have also been poor
- Have had 3 unscheduled maintenance periods this week to try to address the problems... Stay tuned
- Summer shutdown is scheduled to begin August 25 and last for 7 weeks
- They need to deliver 6.5pb^{-1} a week until the shutdown to meet their base goals



Summary

- Recorded 4.5pb⁻¹ of 5.5pb⁻¹ delivered in past week
- Mostly recovered from Power Outages and have had several stores with over 90% efficiency
- TeV is struggling to improve performance
- Current plan
 - Stack and store through the weekend
 - 5 shifts of TeV studies next week